

BROWNSTEIN, V. Ph., Inv.

Continuously operating gas analyzer for determining chemical incomplete combustion. Elek. sta 36 no. 4132-36 Ap '65.

(MTR) 15.6

BRONSHTEYN, B.I.

BROYNSHTEYN, B.I.; GINSTLING, A.M.

Reaction kinetics in polydispersed mixtures of crystalline substances. Zhur. prikl. khim. 29 no.12:1870-1872 D '56.
(Chemical reaction--Mechanism) (MLRA 10:6)

BRONSHTEYN, B. I. Cand Agr Sci -- (diss) "Generalization of experiments
conducted by the kolkhozes of the Mikhaylyanskaya MTS [Machine and Tractor Station]
area (Moldavian SSR) for increasing [period] *the working efficiency*
products during the year 1954-1956." Mos, 1958. 24 pp (Mos Vet Acad of
the Min of Agriculture USSR), 140 copies (KL, 11-58, 119)

BRONSHTEYN, B. L.

Bronshteyn, B. L. "On the initial symptoms of cancer of the large intestine", Trudy Akad. med. nauk SSSR, Vol. I, 1949, p. 121-38,--Bibliog: 6 items.

SO: U-411, 17 July 1953, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949)

BRONSTEIN, B. L.; TOLCHIANSKII, M. TS.

Colon(Anatomy)-Cancer

Cancer of the colon., Novosti med., No. 21, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1951, Unclassified.
2

BRONSHTEYN, B.L.

Causes of late diagnosis of cancer of the large intestine. Sovet.
med. 16 no. 7:14-16 July 1952. (CLML 22:4)

1. Candidate Medical Sciences. 2. Of the Clinical Division of the
Institute of Oncology of the Academy of Medical Sciences USSR
(Director -- Prof. A. I. Serebrov).

BRONSHTEYN, B.L.

BRONSHTEYN, B.L., kandidat meditsinskikh nauk

Metastatic carcinoids of the large intestine. Trudy AMN SSSR 21
no.4:21-27 '52.
(MLRA 10:8)

1. Iz patologoanatomiceskogo otdeleniya (zav. chlen-korrespondent
AMN SSSR prof. M.F.Glazunov) Instituta onkologii AMN SSSR (dir.
chlen-korrespondent AMN SSSR prof. A.I.Serebrov)

(ARGENTAFFINOMA,

intestine, large, metastatic)

(INTESTINE, LARGE, neoplasms,

argentaffinoma, metastatic)

BRONSHTEYN, Boris L'vovich; ZEBOL'D, A.N., redaktor; KHARASH, G.A.,
tekhnicheskij redaktor

[Cancer of the large intestine] Rak tolstoi kishki. [Leningrad]
Gos. izd-vo med. lit-ry, Leningradskoe otd-nie, 1956. 166 p.
(INTESTINES—CANCER)
(MIRA 10:2)

БАСИЛА МЕДИКА Sec 16 Vol. 5/9 Cancer Sept. 57
3537. BRONSHTAYN B. L. Colon cancer; operative treatment and follow-up (Russian
text) Vop. Onkol. 1957, 3/1 (53-59) Tables 6
An analysis of 241 cases. One-stage resections were made in 114 cases with a post-

Iz I khirurgicheskoy kliniki (zav.-prof.
S. A. Khodin) Instituta onkologii
AMN SSSR

3537

operative mortality of 27.2%. Multistage operations were done in 30 cases and resulted in 33.3% postoperative deaths. Seventy-six patients were followed up: 56% lived for 3 yr. and 43% for more than 5 yr. after the operation. The results were better in cases of left-sided colon cancer than in right-sided cancer. When no metastases were found in lymph nodes, a prolonged cure was reached in 73.7%, while in case of metastases this number was 37%.

BRONSHTEYN, B.L.

Results of the diagnostic use of gastrotomy [with summary in English].
Vop.onk. 4 no.1:58-61 '58.
(MIRA 11:4)

1. Iz kliniki obshchey khirurgii zav. - prof. B.L.Bronshteyn) Blagoveshchenskogo gosudarstvennogo meditsinskogo instituta (dir. - dots. S.O.Ptitayn). Asres avtora: g. Blagoveshchensk na Amure, ul. Lenina, d.90, Medinstitut.

(STOMACH, surgery,
gastrotomy, diag. value (Rus))

AMELINA, O.P.

Studies on the use of the A.V. Vishnevskii paranephral block in renal colic. Sov.med. 22 no.11:123-125 N '58 (MIRA 11:11)

1. Iz kliniki obshchey khirurgii (zav. - prof. B.L. Bronshteyn)
Blagoveshchenskogo meditsinskogo instituta (dir. - dots. S.G. Ftitsyn)
(KIDNEYS, calculi
colic, ther., paranephral procaine block (Rus))
(ANESTHESIA, REGIONAL, in various dis.
paranephral block in kidney colic (Rus))

BRONSSTEYN, B.L.

Statement of G.P.Kovtunovich and B.V.Kachorovski on "Vascular
nevi and hemangioma of the skin." Vop. onk. 5 no.12:716-718 '59.
(MIRA 13:12)
(SKIN-TUMORS)

ABDURASULOV, D.M., prof.; BRONSSTEYN, B.L., prof.; DIMANT, I.N., starshiy
nauchnyy sotrudnik

All-Union Conference on Work Coordination in the Field of Oncology.
Med. zhur. Uzb. no.6:71-73 Je '60. (MIRA 15:2)
(ONCOLOGY CONGRESSES)

BRONSHTEYN, B.L.; KHODZHAYEV, V.G. (Tashkent; 3, ul. Bol'shevik, proyezd Ot-krytyy, 16)

Regional intraarterial chemotherapy of maxillofacial cancer. Vop. onk. Vop. onk. 10 no.4:8-14 '64. (MIRA 17:11)

1. Iz kafedry onkologii (zav. - prof. B.L. Bronshteyn) Tashkentskogo gosudarstvennogo instituta usovershenstvovaniya vrachey (rektor - dotsent M.A. Mirzamukhamedov). Adres Bronshteyna: Tashkent, ulitsa Generala Petruva; 51, Gosudarstvennyy institut usovershenstvovaniya vrachey.

BRONSHTEYN, B.S.

Unboundedness of a summatorial function of one generalized character. Uch.zap.Mosk.un. 165:212-220 '54. (MLRA 8:2)
(Functions)

BRONSHTEYN, B. S. Cand Phys-Math Sci -- "On the behavior of Dirichle's series on the boundary of the region of convergence." Mos, 1960. (Mos State Univ im M. V. Lomonosov). (KL, 1-61, 179)

BRONSSTEYN, B.S.

Remarks on a class of Dirichlet's series. Uch. zap. MOPI
98:67-73 :60. (MIRA 15:1)
(Series, Dirichlet's)

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S/020/60/131/05/02/069

AUTHOR: Bronshteyn, B.S.

TITLE: Singularities of a Class of Dirichlet Series

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 131, No. 5, pp. 996-999.

TEXT: Given the Dirichlet series

$$(1) \quad f(s) = \sum_{n=0}^{\infty} a_n e^{-\lambda_n s}, \quad 0 \leq \lambda_0 < \lambda_1 < \lambda_2 < \dots \quad (s = \sigma + i\tau); \quad \lim(\lambda_{n+1} - \lambda_n) \geq h > 0.$$

Let $\zeta_c = 0$ be the convergence abscissa of (1). Let $((x))$ denote the distance from x to the next integer; $\delta_m = \lambda_{m+1} - \lambda_m$. Let the sequence $\{\lambda_n\}$ contain an "almost regular part" of the dimension r if there exists an increasing sequence of indices $\{n_k\}$ and positive numbers g_1, g_2, \dots, g_r so that

$$(5) \quad ((g_y^{-1} \delta_{n_k})_{y=1}^{r+1}) \rightarrow 0 \text{ for } n_k \rightarrow \infty, \quad y=1, 2, \dots, r; \quad l=0, 1, 2, \dots$$

Theorem 1: Let $\{\lambda_n\}$ contain an "almost regular part" with the dimension 1.

Let L be a section of the imaginary axis, $|L| > 2\pi h^{-1}$. Let the single singularities of $f(s)$ on L be simple poles $i\alpha_1, i\alpha_2, \dots, i\alpha_k$. Let $i\alpha_l$ be an arbitrary pole of $f(s)$ on the imaginary axis. Then

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Singularities of a Class of Dirichlet Series

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$$(6) \quad \alpha = \alpha_q + 2\pi d N_\alpha,$$

where N_α is integral, d is positive, α_q is one of the numbers $\alpha_1, \alpha_2, \dots, \alpha_k$.
Here

$$(7) \quad \text{Res}_f(i\alpha) = \text{Res}_f(i\alpha_q) \cdot \lim_{m'' \rightarrow \infty} \exp [i(\alpha - \alpha_q)m''] \quad (m'' \rightarrow \infty),$$

where $\{m''_k\}$ for all α is the same sequence.

Theorem 2 treats the case where all singularities of $f(s)$ on the imaginary axis are simple poles. Then these poles are distributed periodically while the residues for every series of poles form a geometric series with a common denominator for all series.

Theorem 3: If $\{\lambda_n\}$ contains an "almost regular part" with the dimension r and if all singularities of $f(s)$ on the imaginary axis are simple poles, then the set T of these poles can be represented as the sum of the sets $T_v, v=1, 2, \dots, r$, where inside of every partial set the poles are distributed periodically. The residues of the poles of every partial set form geometric series.

Theorem 4: Let $f(s) = \sum_{n=1}^{\infty} \frac{a_n}{\mu_n s}$ and $g(s) = \sum_{n=1}^{\infty} \frac{b_n}{\lambda_n s}$ be Dirichlet series which in

the sense of Chandrasekhar (Ref.4) form the solutions of the equation X

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Singularities of a Class of Dirichlet Series S/020/60/131/05/02/069

$$(13) \quad f(s) \Gamma\left(\frac{s}{2}\right) \pi^{-\frac{s}{2}} = g(1-s) \Gamma\left(\frac{1-s}{2}\right) \pi^{-\frac{1-s}{2}}.$$

Let $\lim (\lambda_{n+1} - \lambda_n) = h > 0$; let $\{\lambda_n\}$ contain an "almost regular part" with the dimension r . Then $f(s) = \alpha^s \sum_{0 < a \leq 1; 0 \leq \xi < 1} A_{a,\xi} \zeta(s, a, \xi)$. Here $\alpha > 0$; a runs through finitely many values; ξ runs through at most r values; $A_{a,\xi}$ are constants; for $\operatorname{Re} s > 1$ it holds $\zeta(s, a, \xi) = \sum_{n=0}^{\infty} \frac{\exp(-2\pi i \xi n)}{(n+a)^s}$, $0 < \alpha \leq 1$, $0 \leq \xi < 1$.

The author thanks Professor A.O.Gel'fond and Professor I.K.Andronov.
There are 4 non-Soviet references.

PRESENTED: December 7, 1959, by I.M.Vinogradov, Academician

SUBMITTED: December 7, 1959

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Card 3/3

85948

S/020/60/134/005/024/035XX
C111/C222

16.3000 16.1000

AUTHOR: Bronshteyn, B.S.

TITLE: Distribution of the Singularities of a Certain Class of Functions¹⁴

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol.134, No.5, pp.1009-1012

TEXT: Definition: Let the function $f(s)$ belong to the class $B(r,h)$, if for $\sigma > 0$ ($s = \sigma + it$) it can be represented as a limit value of the sequence, converging uniformly in every closed bounded domain of the halfplane $\sigma > 0$, of the "Dirichlet-polynomials":

$$(3) D(s) = \sum_{n=1}^{n_k} \sum_{j=0}^{\alpha_n - 1} a_{n,k,j} s^j \exp(-\gamma_n s),$$

where the sequence of exponents $\{\gamma_n\}$ in which each γ_n appears α_n times, satisfies the condition

$$(4) \lim (\lambda_{n+r} - \lambda_n) \geq h > 0.$$

Let $[e^{-xs}, \delta_0, \delta_1, \dots, \delta_n]$ be the finite divided difference of the functions e^{-xs} in the points $\delta_0, \delta_1, \dots, \delta_n$. From (Ref.4,8) it follows that for

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Distribution of the Singularities of a Certain Class of Functions
 $f(s) \in B(r, h)$ in $\sigma > 0$ it holds

$$(5) \quad f(s) = \sum_{n=1}^{\infty} A_n(s),$$

where

$$(6) \quad A_k(s) = \sum_{v=0}^{p_k} \alpha_{k,v} [e^{-xs}, \lambda_{m_k}, \lambda_{m_k+1}, \dots, \lambda_{m_k+v}],$$

where α) $p < r$, β) $\{\lambda_n\}$ satisfies (4), γ) there exists a $h_1 > 0$ so that $\lambda_{m_k+1} - \lambda_{m_k+p_k} \geq h_1$ for all k , δ) there exists a H so that $\lambda_{m_k+1} - \lambda_{m_k} < H$ for all k , ε) $\alpha_k = O(e^{-\lambda_{m_k}})$ holds for all $\varepsilon > 0$, where $\alpha_k = \max_v |\alpha_{k,v}|$.
 Let $\lim_{k \rightarrow \infty} \alpha_k = \infty$. Let $C(x)$ denote the polygon with the corners in the points $P_{k,i}(\lambda_{m_k}, \log \alpha_{k,i})$. Let $q_k = \exp C(\lambda_{m_k})$.

Theorem 1: Let $f(s) \in B(r, h)$ be regular in a simply connected domain D . Let Card 2/7

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Distribution of the Singularities of a Certain Class of Functions
the functions $f_k(s)$ be defined by

$$(8) \quad f_k(s) = \left[f(s) - \sum_{n=1}^{k-1} A_n(s) \right] q_k^{-1} \exp(\lambda_m s).$$

The family $\{f_k(s)\}$ is uniformly bounded in every closed bounded domain in D.
Theorem 2: Under the assumptions of theorem 1 let the imaginary axis be no natural boundary for $f(s)$. Every limit function $g(s)$ of the family $\{f_k(s)\}$ then has the following properties:

- a) $g(s)$ is analytic and unique in a domain consisting of the halfplanes $\sigma > 0, \sigma < 0$ and of the points of regularity of $f(s)$ on the imaginary axis.
- b) For $\sigma > 0$, $g(s)$ is representable by the series $g(s) = \sum_{n=1}^{\infty} B_n(s)$ of the same class $B(r,h)$ as $f(s)$ with bounded coefficients $\beta_{k,n}$.
- c) A similar development holds for $\sigma < 0$: $g(s) = \sum_{n=1}^{\infty} B_{-n}(s)$, where

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$$B_{-k}(s) = \sum_{v=1}^{u-k} \beta_{-k,v} [e^{xs}, \mu_{-k,0}, \dots, \mu_{-k,v}], \text{ where } |\beta_{-k,v}| \leq 1;$$

$$\mu_{-k,1+1} \leq \mu_{-k,1}; \mu_{-(k+1),0} - \mu_{-k,u-k} \geq h_1 > 0; \mu_{-1,u-1} \geq h_1 > 0.$$

d) Every isolated singularity of $f(s)$ on the imaginary axis is a simple pole or regular point of $g(s)$.
 Theorem 3: If under the assumptions of theorem 2, $g(s)$ is the limit function of $\{f_{k_i}(s)\}$, where $\{k_i\}$ satisfy the condition

$$(7) \quad q_{k_i} = c_{k_i},$$

then $g(s)$ has singular points on the imaginary axis.
 Definition: $f(s)$ has a singularity of the type k ($k \geq 0$) in s_0 if

$$f(s) = a_k(s-s_0)^{-k} + \dots + a_1(s-s_0)^{-1} + p(s) \log(s-s_0) + f_1(s), \text{ where } a_k \neq 0, p(s) - \text{polynomial and } f_1(s) \text{ is regular in } s_0.$$

Theorem 4: If the sum of the series (5) of the class $B(r,h)$ on an interval

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Distribution of the Singularities of a Certain Class of Functions of the imaginary axis being longer than $2\pi rh^{-1}$, has only isolated singularities of the type 0 and 1, then the coefficients $a_{k,\nu}$ are bounded. Let $f(s) \in B(r,h)$ with bounded coefficients. Then let for $x > 0$:

$$f_x(s) = \left[f(s) - \sum_{n=1}^{k(x)} A_n(s) \right] \exp(xs),$$

where $k(x)$ is so that $\lambda_{k(x)} < x \leq \lambda_{k(x)+1}$.

For the family $\{f_x(s)\}$ and its limit functions $g(s)$ it holds theorem 1, in essential theorem 2 and.

Theorem 5: If $g(s) = \lim_{x_j \rightarrow \infty} f_{x_j}(s)$, then every singularity $i\alpha$ of the type 1 of the function $f(s)$ on the imaginary axis is a simple pole of $g(s)$, where

$$\mathcal{E}_g(i\alpha) = \mathcal{E}_f(i\alpha) \cdot \lim_{x_j \rightarrow \infty} \exp(i\alpha x_j)$$

(\mathcal{E} - residuum).

Theorem 6: Let $f(s) \in B(r,h)$ with the exponents λ_n have only simple poles

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in $i\alpha_1, i\alpha_2, \dots, i\alpha_q$ on an interval of the imaginary axis with the length
 $>2\pi(D_\lambda + rh^{-1})$ (D_λ denotes the maximal density of $\{\lambda_n\}$ - cf. (Ref.4)). Then:
a) for a $\delta > 0$, $f(s)$ is regular and unique in $\sigma > -\delta$ if from $\sigma > -\delta$ the set
 R of all singularities of $f(s)$ on the imaginary axis is removed. b) Every
isolated point of R is a simple pole of $f(s)$; c) For every such isolated
point $i\alpha$ it holds

$$(12) \quad \alpha = m_1 \alpha_1 + m_2 \alpha_2 + \dots + m_q \alpha_q,$$

where m_1, m_2, \dots, m_q are integers. d) The m_k in (12) can be chosen so that

$$(13) \quad m_1 + \dots + m_q = 1.$$

Theorem 7: Let $f(s) \in B(r, h)$ have only isolated singularities of the type
 $\leq k$ on the interval L_1 of the length $>2\pi rh^{-1}$ and only the isolated
singularities $i\alpha_1, i\alpha_2, \dots, i\alpha_q$ on the interval L of the imaginary axis of
the length $>4\pi rh^{-1}$. Then (12) and (13) are satisfied for every isolated
singularity $i\alpha$ lying on the imaginary axis, of $f(s)$ of the type k .

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Distribution of the Singularities of a Certain Class of Functions

The author mentions V.Bernshteyn and A.F.Leont'yev. He thanks Professor A.O.Gel'fond and Professor I.K.Andronov. There are 8 references: 3 Soviet, 2 American, 2 French and 1 Israeli.

ASSOCIATION: Moskovskiy oblastnoy pedagogicheskiy institut imeni N.K. Krupskoy (Pedagogical Institute imeni N.K.Krupskaya of the Moskovskaya Oblast)

PRESENTED: May 23, 1960, by I.M.Vinogradov, Academician

SUBMITTED: May 19, 1960

Card 7/7

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4

BRONSSTEYN, B.S. (Moskva)

Solution of Riemann type equations in the class of Dirichlet's series. Mat. sbor. 54 no.4:425-452 Ag. '61. (MIRA 14:8)
(Series, Dirichlet's) (Functional equations)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4"

BRONSHTEYN, B.S.

Series close to Dirichlet series. Dokl. AN SSSR 161 no.1:13-15
Mr '65. (MIRA 18:3)

1. Moskovskiy institut khimicheskogo mashinostroyeniya. Submitted
September 30, 1964.

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4

BRONSHTEIN, M., Inzh.

Improving the heat treatment of rigid mineral wool slabs on a synthetic
binder. Stroi. mat. 11 no.6:3-4 Je '65. (MIRA 18:7)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4

BRONSHTEYN, B.S.

Taylor - Dirichlet series. Dokl. AN SSSR 165 no.1:17-18 N '65.
(MIRA 18:10)

1. Submitted March 23, 1965.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4"

ISAKOVICH, G.A., kand.tekhn.nauk; SHMIDT, L.M., kand.tekhn.nauk; BRONSHTEYN,
B.S., inzh.; ROZOVSKIY, V.S., inzh.

Synthetic binders in the production of mineral wool products.
Stroi. mat. 11 no.10:35 0 '65.

(MTPA 18:10)

14(10), 30(1)

SOV/98-59-9-3/29

AUTHOR: Bronshteyn, B.Ye., and Makhlin, F.Ye., Engineers

TITLE: Construction of Canals in Sliding Areas

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 9, pp 8-9
(USSR)

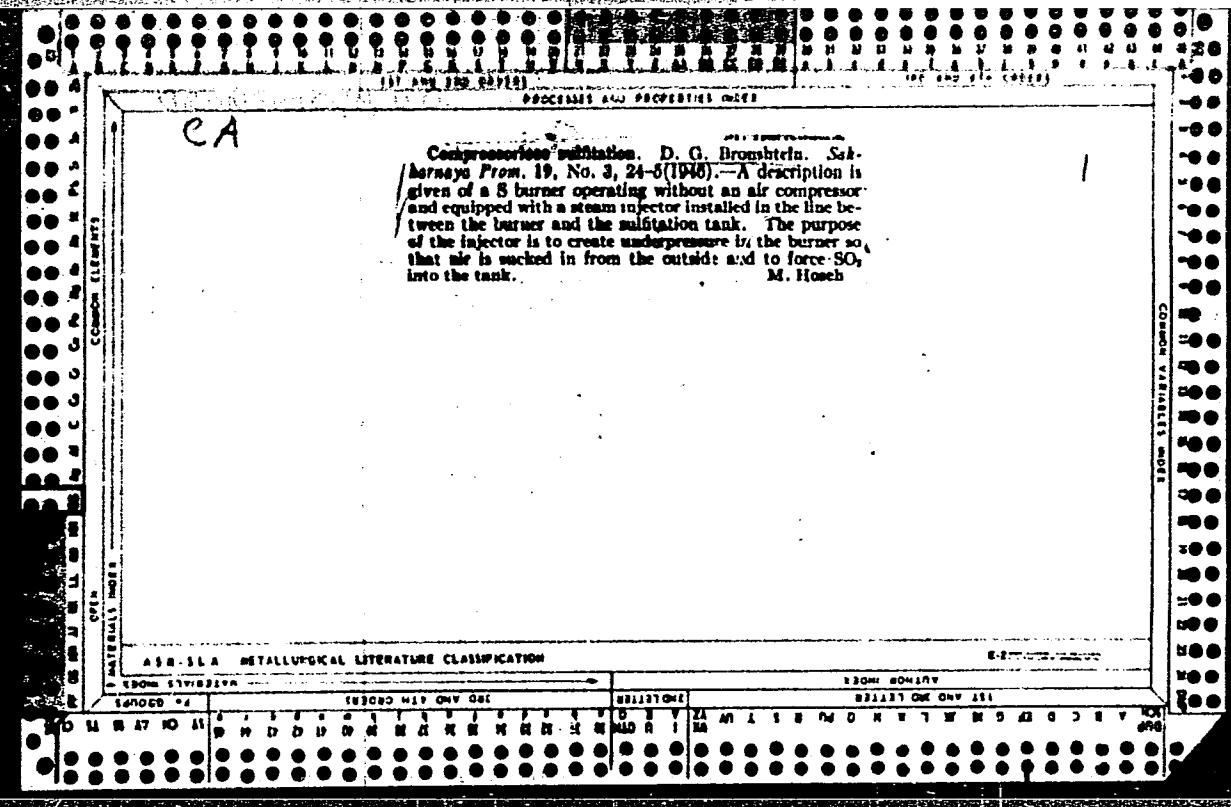
ABSTRACT: In 1957 between the 9th and 16th km of the Severnyy Donets-Donbass Canal a landslide happened over a total length of 1,800 m. The canal was constructed there on clays and stratified consolidated sands, partly kaolinized. The author describes the measures undertaken to increase stability of the ground and to enable a normal canal operation (partly replacing of sliding material by loam, changing of the side slope by construction of less inclined sides, and other usual consolidation works). There is 1 photograph, 1 table and 1 diagram.

Card 1/1

ANDREYEV, V.Ye., kand. tekhn. nauk; BRONSHTEYN, B.Ye., kand. geol.-mineral. nauk

Construction of an artificial foundation bed for a tower-type headframe. Shakht. stroi. 9 no. 12:21-22 D '65.
(MIRA 18:12)

1. Donetskiy PromstroyNIIproyekt.



BRONSHTEYN, D. G.

The application of activated carbon of the Carboraffin type in sugar refineries. Sakharnaya Prom. 26, No.12, 20-2 '52. (MLRA 5:11)
(CA 47 no.13:6688 '53)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4

BROMSHTEYN, D.G.

On the Polish journal "Gazeta cukrownicza." Sakh.prom. 29 no.2:
47-48 '55. (MLRA 8:6)
(Poland--Sugar industry--Periodicals)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4"

BRONSSTEYN, D.G.

Construction and use of continuous vertical one-column diffusers
[Zeitschrift fur die Zuckerindustrie no.1 '55]. Reviewed by
D.G.Bronshtein. Sakh.prom. 29 no.3:40-41 '55. (MLRA 8:7)
(Germany--Sugar industry--Equipment and supplies)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4

BRONSHTEIN, D.G.

Methods for returning diffusion and press water to diffusers.
Sakh.prom. 29 no.6:45-46. '55. (MLRA 9:1)
(Sugar industry--Equipment and supplies)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4"

BRONSHTEIN, D.G.

Automatic line for pressing, drying and packing refined
sugar. Sakh.prom. 30 no.1:67-69 Ja '56. (MLRA 9:6)
(France--Sugar industry--Equipment and supplies)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4

BRONSSTEYN, D.G.; SHAPIRO, A.I.

Mechanization of sugar beet harvesting ("Zeitschrift für die Zuckerindustrie", no.1. 1956) Abstracted by D.G.Bronshtein, A.I.Shapiro. Zakh. prem.30 no.5:68-69 My, '56.
(MLRA 9:9)
(Sugar industry)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4"

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Comparison between the diffusion battery function and RT continuous-motion
rotary diffusion apparatus ("Zeitschrift für die Zuckerindustrie", no.3
1956). Sakh.prom.30 no.5:70-72 My '56.
(Sugar machinery) (MIRA 9:9)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Effect of scalding on sugar beets of various quality ("Zucker"
no.5 1956). Sakh.prom. 30 no.8:72-74 Ag. '56. (MLRA 9:11)
(Sugar beets).

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Some production results in 1955 ("Zucker" no.8 1956). Sakh.prom.
30 no.8:76 Ag. '56. (MLRA 9:11)
(Diffusers)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000307020005-4"

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Quality of fodder molasses produced in 1955-56 (from "Zucker,"
no.7 1956). [Reviewed by D.G.Bronshtein and A.I. Shapiro]. Sakh.
prom.30 no.9:74-75 S '56. (MIRA 10:3)
(Molasses)

BRONSHTEYN, D.G.: SHAPIRO, A.I.

Comparison of sugar output of the campaigns of 1955-56, 1937-38
and 1950-51 ("Zucker" no.8 1956). Sekh.prom. 30 no.8:76 Ag. '56.
(Sugar industry--Statistics) (MLRA 9:11)

BRONSHTEYN, D.G.

Importance of microbiology for beet sugar production (from
Zeitschrift für die Zuckerindustrie," no.6 1956). Sakh. prom., 3:
no.10:61-62 O '56.
(Germany--Sugar industry--Bacteriology)

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DOCUMENTATION, D.G.

Smet continuous diffuser. Sakh.prom. 30 no.7:62-64 J1 '56.
(MLRA 9:11)
(Diffusers)

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BRONSHTEYN, D.G.

Buckau-Wolf continuous diffusion installation. Sakh.prom. 30
no.10:65-68 0 '56. (MLRA 10:1)
(Diffusers) (Sugar industry--Equipment and supplies)

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~~BRONSHTEYN, D.G.~~

Burning liquid fuel (from "Zucker," no.11 1956). Sakh.prom.30
no.10:68-71 0 '56. (MIRA 10:1)
(Liquid fuels)

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BRONSHTEIN, D.G.; SHAPIRO, A.I.

Production in 1955-1956 (from "Zucker," no.7, 1956). Sakh.prom.30
no.11:65-68 N '56. (MLRA 10:2)
(Germany, West--Sugar industry)

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BRONSHTEYN, D.G.; SHAPIRO, A.I.

Factors augmenting the loss of raw sugar during storage (from
"Zucker," no.13, 1956). Sakh.prom.30 no.11:69 N '56. (MLRA 10:2)
(Sugar--Storage)

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BRONSHTEYN, D.G.

Centrifuging in place of filtration in laboratory practice (from
"Zucker," no.10, 1956). Sakh.prom.30 no.11:69-72 N '56. (MLRA 10:2)
(Centrifuges)

BRONSHTEIN, D.G.; SHAPIRO, A.I.

Activity of micro-organisms in diffusion juice (from "Zeitschrift
für die Zuckerindustrie," no.6, 1956). Sakh.prom.30 no.11:73-78 N
'56. (MLRA 10:2)
(Sugar industry)

BRONSHTEYN, D.G.

Payment for sugar beets in some European countries (from "Zucker,"
no.17 1956). Reviewed by D.G. Bronshstein. (MLRA 10:4)
(Europe, Western--Sugar beets--Prices)

BRONSTEYN, D.G.

Perlon filter cloth (from "Lebensmittel Industrie," no.6, 1956).
Sakh.prom. 30 no.12:58 D '56. (MLRA 10:1)
(Filters and filtration) (Igamides)

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BRONSHTEYN, D.G.

The "Fives-Lille" vacuum filter. Sakh.prom. 30 no.9:75-76 S '56.
(Sugar machinery) (MLRA 10:3)

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BRONSHTEYN, D.G.

Comparison of four continuous diffusion systems. [Reviewed by D.G.
Bronshteyn] Sakh.prom. 30 no.9:77-78 S '56. (MIRA 10:3)
(Diffusers)

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BRONSHTEYN, D.G., SHAPIRO, A.I.

Continuous diffusion apparatus in the Tirlemont Sugar Refinery
(from "Zucker," no.23 1956). Sakh. prom. 31 no.5:68-72 My '57.
(Belgium--Diffusers) (MLRA 10:6)

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~~BRONSHTEYN, D.G.~~

~~Microbiological studies in French sugar refineries (from "Zeitschrift für die Zuckerindustrie," no.11 1956). Sakh. prom. 31 no.6:65-68 Ja '57.~~

~~(France--Sugar--Bacteriology)~~

~~(NLRB 10:6)~~

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BRONSHTEYN, D.G.; SHAPIRO, A.I.

~~Controlling feed water by measuring electric conductivity (from "Zucker", no.23 1956). Sakh. prom. 31 no.6:68-70 Je '57. (MIRA 10:6)~~
~~(Electric conductivity) (Feed water)~~

Bronshteyn, D.G.

BRONSHTEYN, D.G.

New method of juice purification in beet sugar production. Sakh.
prom. 31 no. 9:74-76 S '57. (MIRA 10:12)
(Sugar industry)

BRONSHTEYN, D.G., A.I.

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Ventilation of beet piles (from "Zeitschrift für die Zuckerindustrie,"
no.1 1957). Reviewed by D.G. Bronshtein and A.I. Shapiro. Sakh. prom.
31 no.10:65-69 0 '57. (MIRA 11:1)
(Sugar beets--Storage)

~~BRONSHTEYN, D.G.~~

Radiochemistry in sugar industry research (from "Zeitschrift für die Zuckerindustrie," no.5 1957). Reviewed by D.G. Bronshtain. Sakh. prom. 31 no.10:70-72 0 '57. (MIRA 11:1)
(Radioactive tracers)
(Sugar--Analysis and testing)

BRONSHTEYN, D.G.

Dryers in the sugar industry (from "Zeitschrift für die Zucker-industrie," no.5 1957). Reviewed by D.G. Bronshten. Sakh. prom. 31 no.11:74-78 N '57. (MIRA 11:1)

(Sugar industry—Equipment and supplies)
(Drying apparatus)

BRONSHTEYN, D.G.

Rotary thickeners (from "Zeitschrift für die Zuckerindustrie,"
no.2 1957). Sakh. prom. 31 no.12:63-64 D '57. (MIRA 11:1)
(Sugar industry--Equipment and supplies)

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BRONSHTEYN, D.G.

New sugar factory in West Germany (from "Zeitschrift für die Zucker-industrie," no. 7 1957). Sakh. prom. 32 no. 1:67-72 Ja '58.
(Germany, West--Sugar industry) (MIRA 11:2)

~~REF ID: A71074~~
BRONSHTEYN, D.G.

Materials on a meeting of West German sugar industry workers (from
"Zeitschrift für die Zuckerindustrie," no.6 1957). Sakh. prom. 32
no.1:72-73 Ja '58. (MIRA 11:2)
(Germany, West--Sugar workers--Congresses)

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BRONSHTEYN, D.G.; SHAPIRO, A.I.

Limekilns operating on liquid fuel (from "Zucker," no.1 1957).
Sakh. prom. 32 no.2:73-78 F '58.
(Limekilns) (MIRA 11:3)

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BRONSHTYN, D.G.

Personnel of sugar refineries of the German Democratic Republic
(from "Zeitschrift fur die Zuckerindustrie," no.4 1957). Sakh.
prom. 32 no.3:68-69 Nr. '58. (MIRA 11:4)
(Germany, East--Sugar industry)

BRONSHTEYN, D.G.

Storage of sugar beets (from "Zeitschrift für die Zucker-industrie," no. 8 1957). Sakh. prom. 32 no. 4:62-65 Ap '58.

(Sugar beets--Storage)

(MIRA 11:6)

BRONSHTEYN, D.G.

Results of the operation of tower diffusers at sugar plants in the
German Democratic Republic (from "Die Zuckererzeugung," no.3, 1957).
Sakh. prom. 32 no.5:69-70 My '58.
(Diffusers) (MIRA 11:6)

BRONSHTEYN, D.G.

Sugar industry of the German Democratic Republic (from "Die Zuckererzeugung," no. 1, 1957). Sakh. prom. 32 no. 6:63-64 Je '58.
(Germany, East--Sugar industry) (MIRA 11:7)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Production practices of West German sugar plants (from "Zucker," no. 16, 1957). Sakh. prom. 32 no. 6:65-69 Je '58. (MIRA 11:?)
(Germany, West--Sugar industry)

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BRONSHTEYN, D.G.; SHAPIRO, A.I.

Sugar beet sowing in Turkey (from "Zucker," no. 1, 1958). Sakh.
prom. 32 no. 6:72-73 Je '58. (MIRA 11:7)
(Turkey--Sugar beets)

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BROFSHTEYN, D.G.

~~Changes in equipment in foreign sugar factories. Sakh. prom. 32
no. 7:69-75 Jy '58.~~ (MIRA 11:8)
(Sugar industry--Equipment and supplies)

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BRONSHTEYN, D.G.; SHAPIRO, A.I.

Mechanization of beet harvesting (from "Zucker", no.24 1957).
Sakh. prom. 32 no.8:71-74 Ag '58. (MIRA 11:9)
(Sugar beets--Harvesting)

BRONSHTEYN, D.G.

Sugar as raw material for chemical production (from "Zeitschrift
für die Zuckerindustrie," no.9, 1958) Sakh.prom. 32 no.9:58-59
S '58. (MIRA 11:11)
(Sugar) (Chemicals--Manufacture)

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BRONSHTEYN, D.G.; SHAPIRO, A.I.

Mechanization of beet harvesting (from "Zuker" no.7, 1958)
Sakh.prom. 32 no.9:69-71 S '58. (MIRA 11:11)
(Sugar beets--Harvesting)

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BRONSETTEYN, D.G.

Sugar industry of Yugoslavia (from "Zeitschrift für die
Zuckerindustrie," №.7, 1958). Sakh. prem. 32 no.11:64 N '58.

(Yugoslavia--Sugar industry)

(MIRA 11:12)

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BRONSHTEYN, D.G.; SHAPIRO, A.I.

Results of operation of the "Buchau-Wolf" diffusion apparatus (from
"Zucker, №.7, 1958). Sakh. prom. 32 no.11:65-67 N '58.

(Germany, West--Sugar machinery)

(MIRA 11:12)

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BRONSHTEYN, D.G.

Results of work of ceramic filters (from "Zeitschrift für die Zuckerindustrie," No. 6, 1958). Sakh. prem. 32 no.11:67-69
N '58. (MIRA 11:12)
(Germany, West--Sugar industry--Equipment and supplies)

BRONSHTEYN, D.G.

Results of operation of the "Opperman and Deichman" (O D)
continuous diffusion apparatus (from "Zeitschrift für die
Zuckerindustrie," No.2, 1958). Sakh. prom. 32 no.12:56-59 D
'58. (Germany, West--Sugar machinery) (MIRA 11:12)

BRONSHTEYN, D.G.

Effect of pectins and dextran on the filtrating ability of juices
in sugar production (from "Acta chimica Academiae Scientiarum
Hungarical, "T.B. 1-2. 1957). Sakh. prom. 33 no.1:69-71 Ja '59.

(MIRA 12:1)

(Sugar manufacture) (Pectin) (Dextran)

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BRONSHTEYN, D.G.

Sugar industry in France. Sakh. prem. 33 no.1-71-73 Ja '59.
(France--Sugar industry) (MIRA 12:1)

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~~BROMSHTEYN, D.G.~~

Results of the application of various methods for juice purification (from "Zeitschrift für die Zuckerindustrie," No.4, 1958). Sakh. prom. 33 no.2:67-69 F '59.

(Germany, West—Sugar manufacture)

(MIRA 12:3)

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BRONSHTEYN, D.G.

Sugar industry in Sweden. Sakh. prom. 33 no.2:70-71 F '59.
(Sweden--Sugar industry) (MIRA 12:3)

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BRONSHTEYN, D.G.

Index MV for the evaluation of the processing quality of sugar
beet (from "Zeitschrift für die Zuckerindustrie," No.7, 1958).
Sakh.prom. 33 no.3:63-65 Mr '59. (MIRA 12:4)
(Germany, West--Sugar beets)

BRONSTEYN, D.G.

Bacteriological control at sugar factories in West Germany
(from "Zeitschrift für die Zuckerindustrie," No.8, 1958).
Sakh.prom. 33 no.3:65-67 Mr '59. (MIRA 12:4)
(Germany, West--Sugar--Bacteriology)

BRONSHTEYN, D.G.

Processing sugar-beet tails (from "Zucker," No.15, 1958). Sakh.
prom. 33 no.6:67-69 Je '59. (MIRA 12:8)
(Sugar beets)

BRONSHTEYN, D.G.

Softening of liquid juice. Sakh.prom. 33 no.6:69 Je '59.
(MIRA 12:8)
(Sugar manufacture) (Ion exchange)

BRONSHTEYN, D.G.

Results of the operation of the BMA unit for the purification of
juice. Sakh.prom. 33 no.6:70 Je '59. (MIRA 12:8)
(Yugoslavia--Sugar manufacture)

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BRONSHTEYN, D.G.

Some data on the sugar industry of the world. Sakh. prom. 33
no.8:70-71 Ag '59. (MIRA 12:11)
(Sugar industry)

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BRONSHTEYN, D.G.

Determining the duration of stay of juices in thickners by
means of tagged atoms (from "Socker Hanlingar," 1958).
Sakh.prom. 33 no.10:68-70 0 '59. (MIRA 13:3)
(Sweden--Sugar manufacture)

BRONSHTEYN, D.G.

Microbiological hazard of the bulk storage of sugar. Sakh.
prom. 34 no.1:73 Ja '60. (MIRA 13:5)
(Sugar--Storage)

BRONSSTEYN, D.G.

Filipp-OMS-DHRS filters (from "Zucker," no.18, 1959). Sakh.
prom. 34 no.1:74-75 Ja '60. (MIRA 13:5)
(Filters and filtration)

BRONSHTEYN, D.G.

Calculation for thickeners of various design (from "Zucker,"
no.18, 1959). Sakh.prom. 34 no.2:74-76 F '60.
(MIRA 13:5)
(Sugar manufacture) (Filters and filtration)

BRONSHTEYN, D.G.; SHAPIRO, A.I.

Effect of juice softening on the corrosion of evaporator
tubes (from "Zucker," no.19, 1959). Sakh.prom. 34 no.3:65
Mr '20. 60 ~ (MIRA 13:6)
(Germany, West--Sugar manufacture)

BRONSHTEYN, D.G.

Evaluating the quality of sugar-beet tails from the MV
factor (from "Die Zuckerzeugung, no.11, 1959). Sakh.prom.
34 no.3:66 Mr I.P.60 (MIRA 13:6)
(Sugar beets)